



TRANSMITTAL LETTER  
(General - Patent Pending)

Docket No.  
612-07-CIP

In Re Application Of: Dean Schaefer et al.

Application No. 10/043,947	Filing Date January 11, 2002	Examiner Uyen T. Ho	Customer No. 22145	Group Art Unit 3731	Confirmation No. 7088
-------------------------------	---------------------------------	------------------------	-----------------------	------------------------	--------------------------

Title: MICROCOIL VASO-OCCLUSIVE DEVICE WITH MULTI-AXIS SECONDARY CONFIGURATION

COMMISSIONER FOR PATENTS:

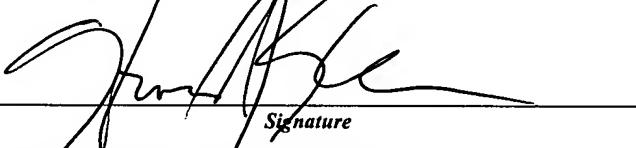
Transmitted herewith is:

Request to Make Previously-cited Prior Art of Record (2 pages)

in the above identified application.

- No additional fee is required.
- A check in the amount of \_\_\_\_\_ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 11-1159 as described below.
  - Charge the amount of \_\_\_\_\_
  - Credit any overpayment.
  - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**



Signature

Howard J. Klein (Reg. No.: 28,727)  
Klein, O'Neill & Singh, LLP (Customer No.: 22145)  
2 Park Plaza, Suite 510  
Irvine, California 92614  
Tel: (949) 955-1920  
Fax: (949) 955-1921  
Email: hjklein@koslaw.com

Dated: October 20, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on October 20, 2004.

(Date)



Signature of Person Mailing Correspondence

Carrie Anne Cheung

Typed or Printed Name of Person Mailing Correspondence

CC:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Dean Schaefer et al. )  
Application Number: 10/043,947 )  
Filed: January 11, 2002 )  
Group Art Unit: 3731 )  
Examiner: Uyen T. Ho )  
For: MICROCOIL VASO-OCCLUSIVE )  
DEVICE WITH MULTI-AXIS )  
SECONDARY CONFIGURATION )

<b>CERTIFICATE OF MAILING</b>	
I hereby certify that this document is being deposited on October 20, 2004 with the U.S. Postal Service as First Class Mail under 37 C.F.R. 1.8 and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	
	
<i>Signature of Person Mailing Correspondence</i>	
_____ Carrie Anne Cheung Typed or Printed Name of Person Mailing Correspondence	
Date of Signature: <u>October 20, 2004</u>	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

REQUEST TO MAKE  
PREVIOUSLY-CITED PRIOR ART OF RECORD

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

October 20, 2004

Sir:

Applicant respectfully requests the United States Patent and Trademark Office to make of record all the references previously submitted with Information Disclosure Statement filed on March 23, 2004, March 13, 2003, and April 12, 2002.

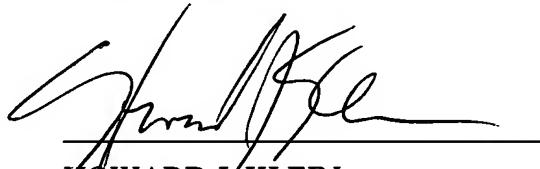
As evidence of Applicant's previous submission of the references in connection with the present application, Applicant encloses copies of the postcards indicating receipt of the references by the United States Patent and Trademark Office.

U.S. Patent Application No.: 10/043,947  
Filing Date: January 11, 2002

PATENT  
Attorney Docket 612-07-CIP

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 11-1159 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,



HOWARD J. KLEIN  
Registration No. 28,727

Date: October 20, 2004

Klein, O'Neill & Singh, LLP (Customer No.: 22145)  
2 Park Plaza, Suite 510  
Irvine CA 92614  
Tel: (949) 955-1920  
Fax: (949) 955 1921  
E-mail: [hjklein@koslaw.com](mailto:hjklein@koslaw.com)

Attorney Docket No. 612-07-CIP



**RECEIVED IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

---

Docket No.: 612-07-CIP

Application No.: 10/043,947

Inventor(s): Dean Schaefer et al.

Title: MICROCOIL VASO-OCCLUSIVE DEVICE WITH MULTI AXIS SECONDARY  
CONFIGURATION

Enclosed:

Two (2) Page IDS Transmittal Letter

One (1) Page Information Disclosure Citation

Four (4) References

Postcard

Date Mailed: March 17, 2004







**RECEIVED IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No.: 612-07-CIP

Inventors: SCHAEFER, Dean et al.

Appl. No. 10/043,947

Filing Date: January 11, 2002

Title: MICROCOIL VASO-OCLUSIVE DEVICE WITH MULTI AXIS  
SECONDARY CONFIGURATION

Attached:

Mailed On: 03/10/2003

Transmittal for an Information Disclosure Statement (5 pages)  
PTO-1449 Forms (5 page)  
Fifty-Four (54) References

=====

Stamp Here:Se



OCT 26 2004  
OIE  
PATENT & TRADEMARK OFFICE  
U.S. DEPARTMENT OF COMMERCE

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		ATTY DOCKET NO. 612-07-CIP	APPLICATION NO. 10/043,947
		APPLICANT SCHAEFER, Dean et al.	
		FILING DATE January 11, 2002	GROUP Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 407,818	DES.	1999-04-06	Mariant et al.			
	US 421,304	DES.	2000-02-29	Mariant et al.			
	US 4,551,132		1985-11-05	Pasztor et al.			
	US 4,795,741		1989-01-03	Leshchiner et al.			
	US 4,819,637		1989-04-11	Dormandy, Jr. et al.			
	US 5,108,407		1992-04-28	Geremia et al.			
	US 5,122,136		1992-06-16	Guglielmi et al.			
	US 5,133,731		1992-07-28	Butler et al.			
	US 5,226,911		1993-07-13	Chee et al.			
	US 5,234,437		1993-08-10	Sepetka			

FOREIGN PATENT DOCUMENTS

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
							YES NO
WIPO	WO 02/32325	A1	2002-04-25	PCT			
WIPO	WO 01/45571	A1	2001-06-28	PCT			
WIPO	WO 00/74577	A1	2000-12-14	PCT			
WIPO	WO 00/21443	A1	2000-04-20	PCT			
WIPO	WO 99/09893	A1	1999-03-04	PCT			
EPO	EP 0 739 605	B1	1996-04-26	EUROPE			
WIPO	WO 98/17183	A1	1998-04-30	PCT			
WIPO	WO 94/11051	A1	1994-05-26	PCT			

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

CLOFT, Harry J. et al.; "Use of Three-dimensioanl Gug;ie;mi Detachable Coils.." AJNR AM J. Neuroradiol 21:1312-1314 August 2000
MALEK, Adel M. et al.; "Treatment of an Intracranial Aneurysm Using a New.." Neurosurgery, Vol. 44, No.5, May 1999
GIANTURCO, M.D. et al.; "Mechanical Devices for Arterial Occlusion" July 1975, Vol. 124, No. 3., pp. 428-435

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



EXAMINER: Initial if not yet considered. Include copy of this form with next communication to applicant.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with 37 CFR 1.136(b).  
considered. Include copy of this form with next communication to applicant.



FEE PTO-1449		ATTY DOCKET NO. 612-07-CIP	APPLICATION NO. 10/043,947
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT SCHAEFER, Dean et al.	
(Use several sheets if necessary)		FILING DATE January 11, 2002	GROUP Unassigned

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,580,568		1996-12-03	Greff et al.			
	US 5,624,461		1997-04-29	Mariant			
	US 5,639,277		1997-06-17	Mariant et al.			
	US 5,645,558		1997-07-08	Horton			
	US 5,649,949		1997-07-22	Wallace et al.			
	US 5,658,308		1997-08-19	Snyder			
	US 5,690,667		1997-11-25	Gia			
	US 5,700,258		1997-12-23	Mirigian et al.			
	US 5,718,711		1998-02-17	Berenstein et al.			
	US 5,749,891		1998-05-12	Ken et al.			

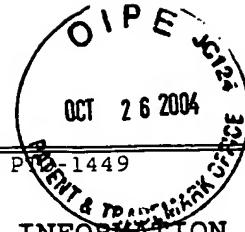
## FOREIGN PATENT DOCUMENTS

## OTHER DOCUMENTS

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form P-1449 PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 612-07-CIP	APPLICATION NO. 10/043,947
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		
(Use several sheets if necessary)		
FILING DATE January 11, 2002		GROUP Unassigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	KIND	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,797,953		1998-08-25	Tekulve			
	US 5,814,062		1998-09-29	Sepetka et al.			
	US 5,911,731		1999-06-15	Pham et al.			
	US 5,911,737		1999-06-15	Lee et al.			
	US 5,957,948		1999-09-28	Mariant			
	US 6,013,084		2000-01-11	Ken et al.			
	US 6,015,424		2000-01-18	Rosenbluth et al.			
	US 6,024,765		2000-02-15	Wallace et al.			
	US 6,063,100		2000-05-16	Diaz et al.			
	US 6,068,644		2000-05-30	Lulo et al.			

## FOREIGN PATENT DOCUMENTS

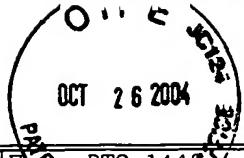
## OTHER DOCUMENTS

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. . . .

HJK/clh



INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	ATTY DOCKET NO. 612-07-CIP	APPLICATION NO. 10/043,947
	APPLICANT SCHAEFER, et al.	
	FILING DATE January 11, 2002	GROUP Unassigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 6,165,194		2000-12-26	Denardo			
	US 6,165,198		2000-12-26	McGurk et al.			
	US 6,176,240	B1	2001-01-23	Nikolchev et al.			
	US						
	US						
	US						
	US						
	US						
	US						
	US						

## FOREIGN PATENT DOCUMENTS

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)


EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



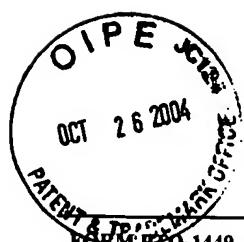
RECEIVED IN THE U.S. PATENT OFFICE VIA CERTIFICATE OF  
MAILING DATED APRIL 1, 2002

Case 612-07-CIP SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT (1pg); PTO FORM 1449 (1pg); COPY OF  
1 REFERENCE

Filing Date January 11, 2002  
Serial No. 10/043,947  
For MICROCOIL VASO-OCCLUSIVE DEVICE WITH  
MULTI-AXIS SECONDARY CONFIGURATION  
Applicant Schaefer, et al.  
Examiner Unknown  
Art Unit 3731

=====  
STAMP HERE:





OCT 26 2004

U. S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

Sheet 1 of 1

ATTY.DOCKET NO.  
612 07 CIP

**SERIAL NO.**  
**10/043,947**

**APPLICANT**  
Schaefer, et al.

**FILING DATE**  
January 11, 2002

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Including author, Title, Date, Pertinent Pages, Etc.)**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.